



WEB

(AP)

RG-AP220-W

V1.0

©2014



RGOS 10.4 (1b19)p2

<http://www.ruijie.com.cn/>

<http://webchat.ruijie.com.cn>

<http://www.ruijie.com.cn/service.aspx>

7 24

4008-111-000

<http://support.ruijie.com.cn>

service@ruijie.com.cn

1)

1 AP WEB

1.1 WEB

1.1.1 WEB

WEB IE

1.1.2

WEB WEB WEB WEB
WEB WEB IE

1.1.3

1.1.4

WEB	WEB	AP WEB	AP
PC			IPAD
Google Chrome		IE6.0 IE7.0 IE8.0	IE
maxthon			
1024*768	1280*1024	1440*960	

1.1.5

AP WEB
AP IP



AP

CPU

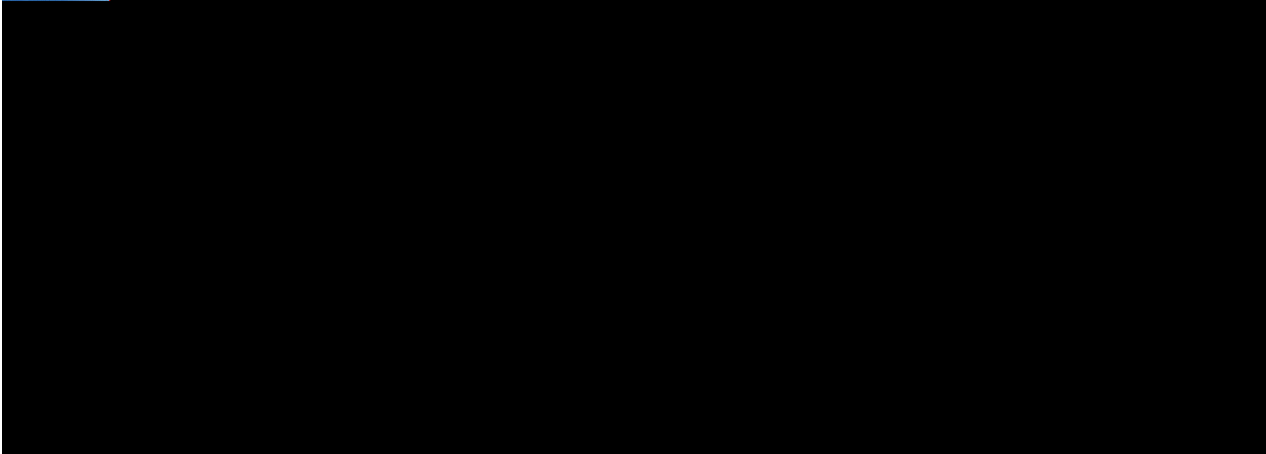
1.3.2

1.3.2.1

AP		NAT	ROUTE	AP
NAT	RG-AP220-W		NAT	DHCP Server
ROUTE		NAT		AP
AP				

1.3.2.1.1 NAT

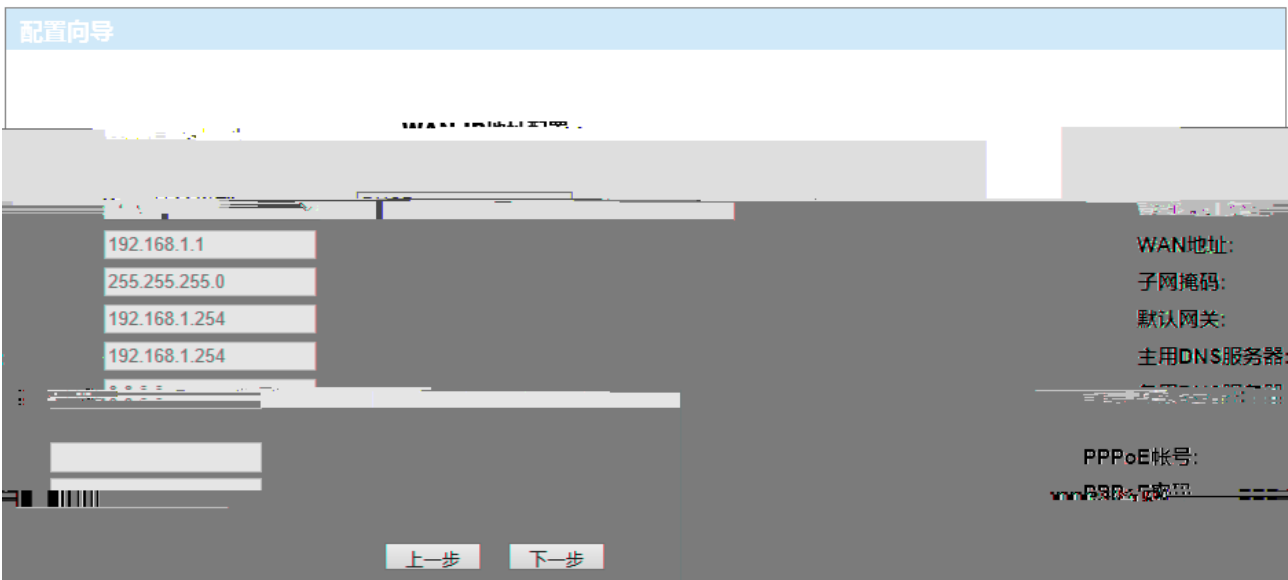
NAT



WAN

WAN

DHCP PPPoE



WAN

PPPoE

PPPoE

IP

WAN

DHCP

DHCP PPPoE

DHCP PPPoE

DNS

DHCP PPPoE

NAT

PPPoE

PPPoE

PPPoE

PPPoE

PPPoE

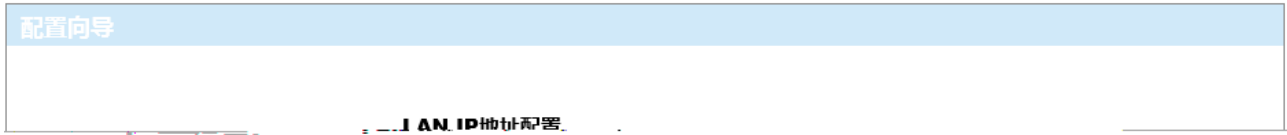
PPPoE

LAN

IP

DHCP

DHCP



LAN IP地址: 192.168.20.1

LAN 子网掩码: 255.255.255.0

DHCP 服务器配置

DHCP 服务器配置

开始地址: 192.168.20.230

子网掩码: 255.255.255.0

主用DNS服务器: 192.168.20.1

备用DNS服务器: 8.8.8.8

租约时间(秒): 4800

上一步 下一步

LAN IP

AP

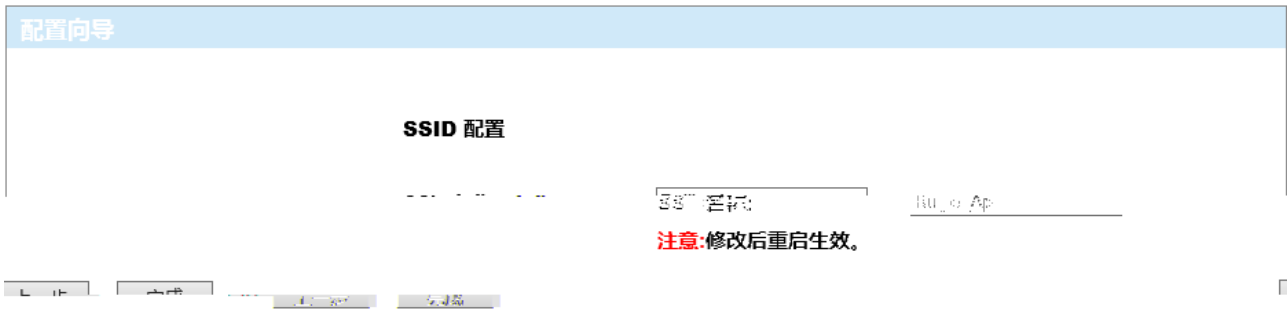
IP

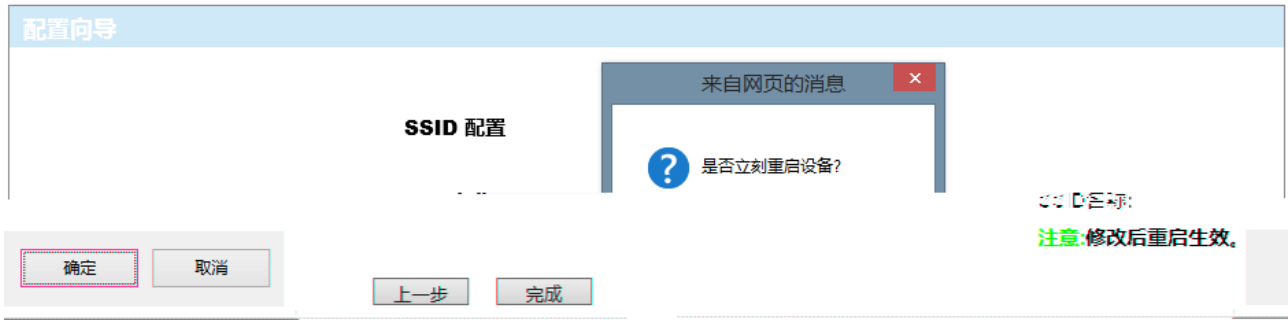
DHCP

DHCP

LAN IP

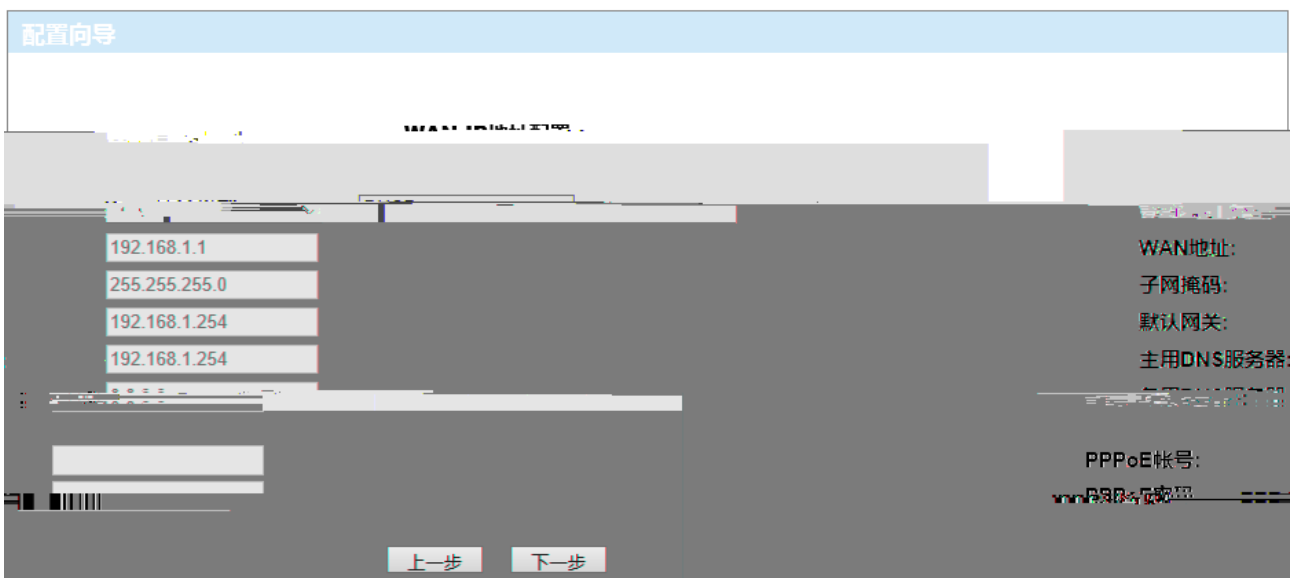
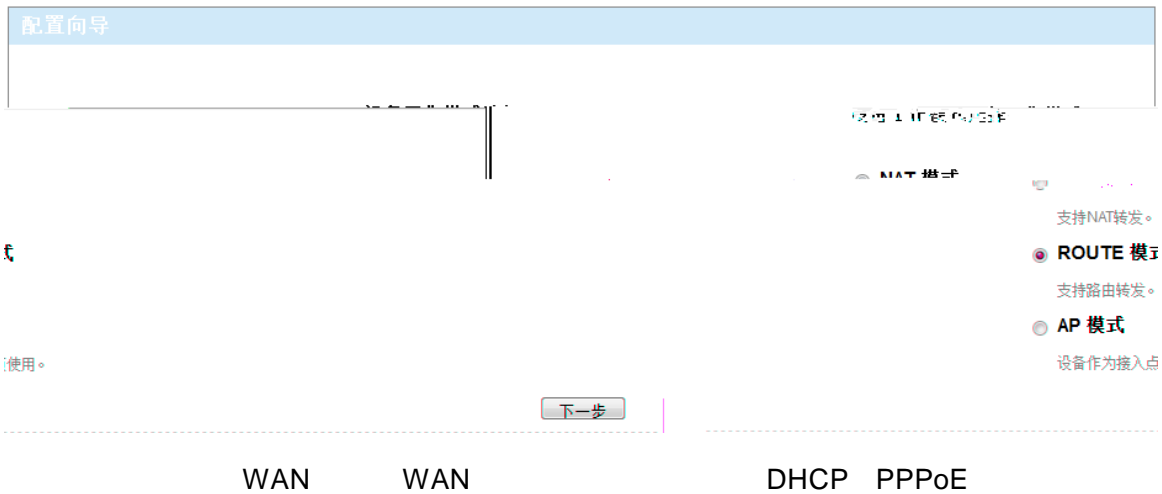
SSID





1.3.2.1.2 ROUTE

ROUTE



WAN

PPPoE

PPPoE

IP

WAN

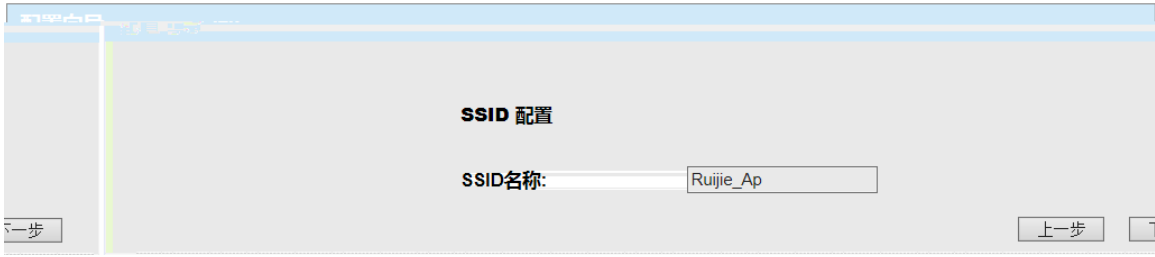
DHCP

DHCP PPPoE

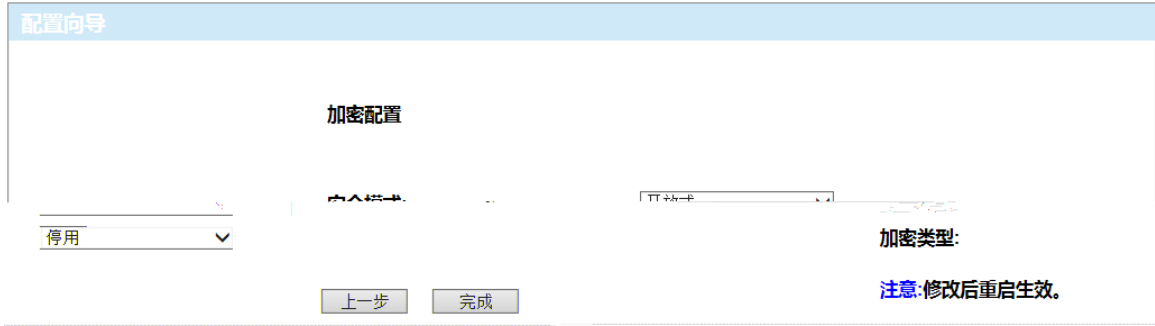
DHCP PPPoE

DNS

DHCP

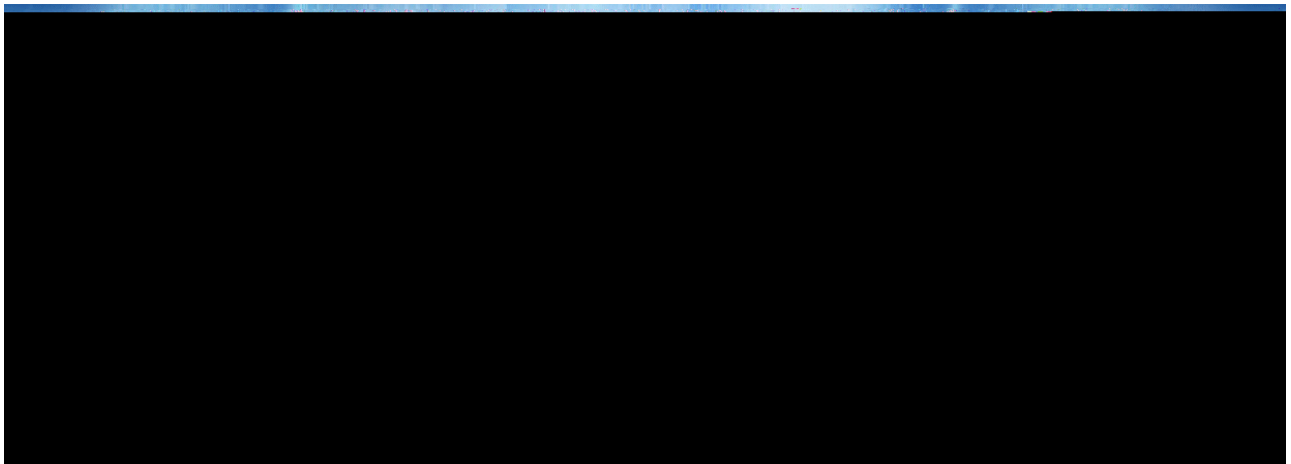


SSID



1.3.2.1.3 AP

AP



IP IP

DHCP

配置向导

IP地址配置

IP地址类型: DHCP

IP地址: 192.168.1.1

子网掩码: 255.255.255.0

默认网关: 192.168.1.254

主用DNS服务器: 192.168.1.254

备用DNS服务器: 0.0.0.0

上一步 下一步

SSID

配置向导

SSID 配置

SSID名称: Ruijie_Ap

上一步 下一步

SSID

配置向导

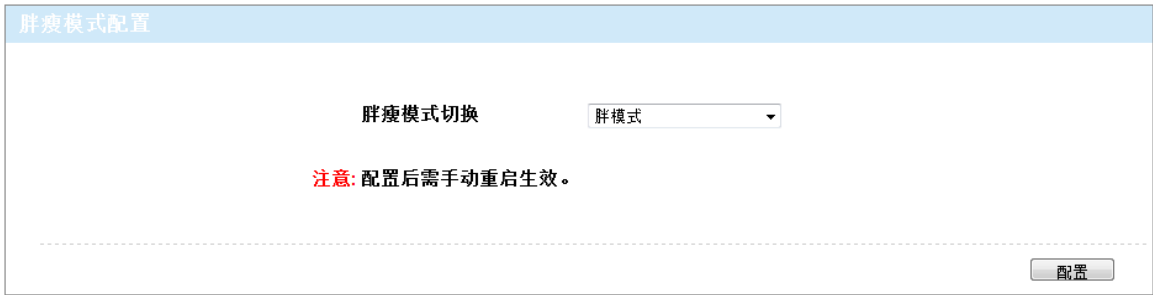
加密配置

加密类型: 停用

加密类型: 注意:修改后重启生效。

上一步 完成

1.3.3



AP

AC

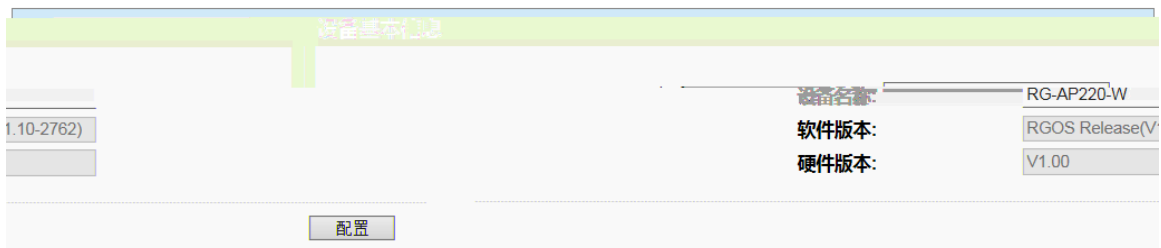
AP

AP

1.3.4

1.3.4.1

->



AP

AP

AP

1.3.4.2

->

LAN IP 设置

LAN IP地址: LAN 1-14-4-1 255.255.255.0

配置

AP NAT IP ROUTE AP DHCP WAN IP

1.3.5.3

AP -> NAT ROUTE

1.3.5.3.1 NAT

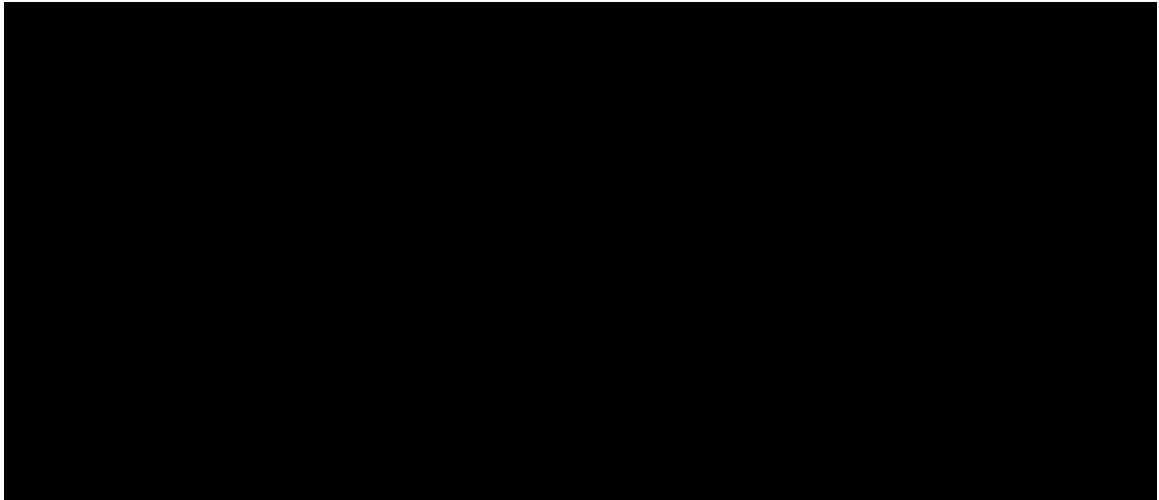
转发模式配置

转发模式:

注意:配置路由模式需要上联口支持配置静态路由. 该配置需要重启生效.

配置

NAT WAN



DHCP

DHCP服务器配置

DHCP全局开关:

DHCP 地址池配置

LAN IP地址:

LAN 子网掩码:

起始地址:

结束地址:

子网掩码:

网关:

主DNS服务器地址:

备DNS服务器地址:

租约时间(秒):

绑定VLAN:

192.168.20.230

255.255.255.0

192.168.20.1

: 192.168.20.1

: 8.8.8.8

1800

1

1.3.5.3.2 ROUTE

转发模式配置

转发模式:

由. 该配置需要重启生效. 注意:配置路由模式需要上联口支持配置静态路由

ROUTE
DHCP

1.3.5.3.3 AP

转发模式配置

转发模式:

注意: 配置路由模式需要上联口支持配置静态路由, 该配置需要重启生效

AP

DHCP

DHCP服务器配置

DHCP全局开关:

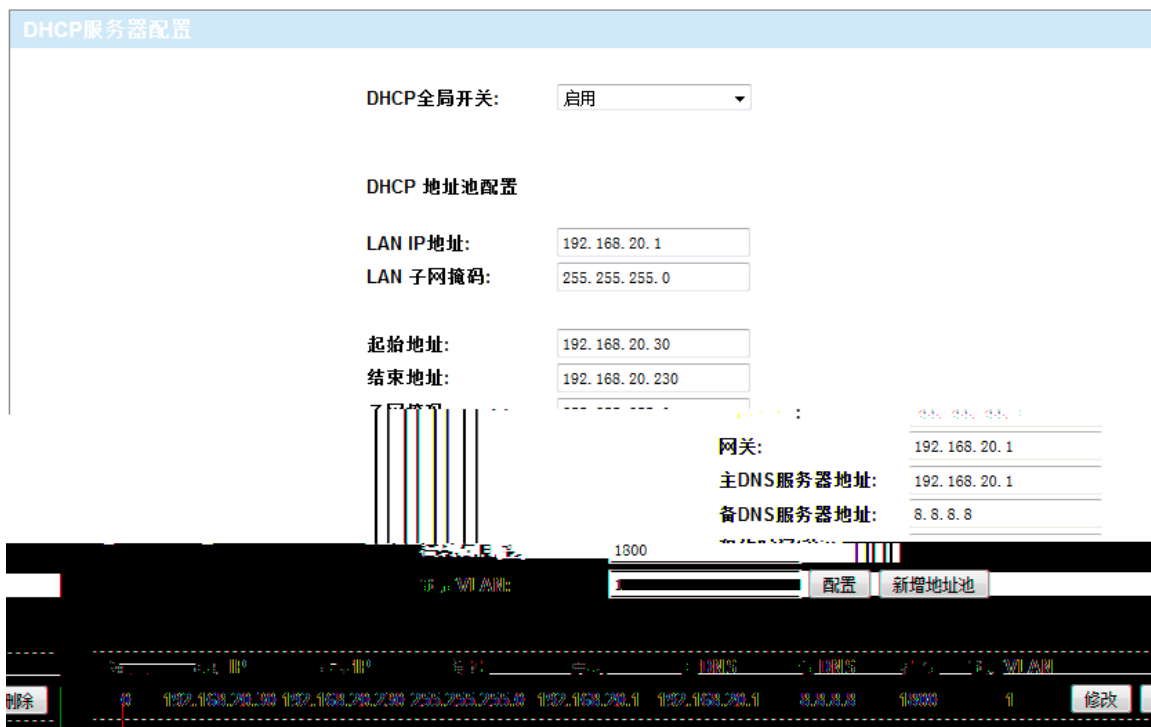
WAN管理

WAN地址类型:

192.168.58.128

子网掩码:	<input type="text" value="255.255.255.128"/>
默认网关:	<input type="text" value="192.168.57.1"/>
主用DNS服务器:	<input type="text" value="192.168.58.100"/>
备用DNS服务器:	<input type="text" value="192.168.58.111"/>

1.3.5.4 DHCP

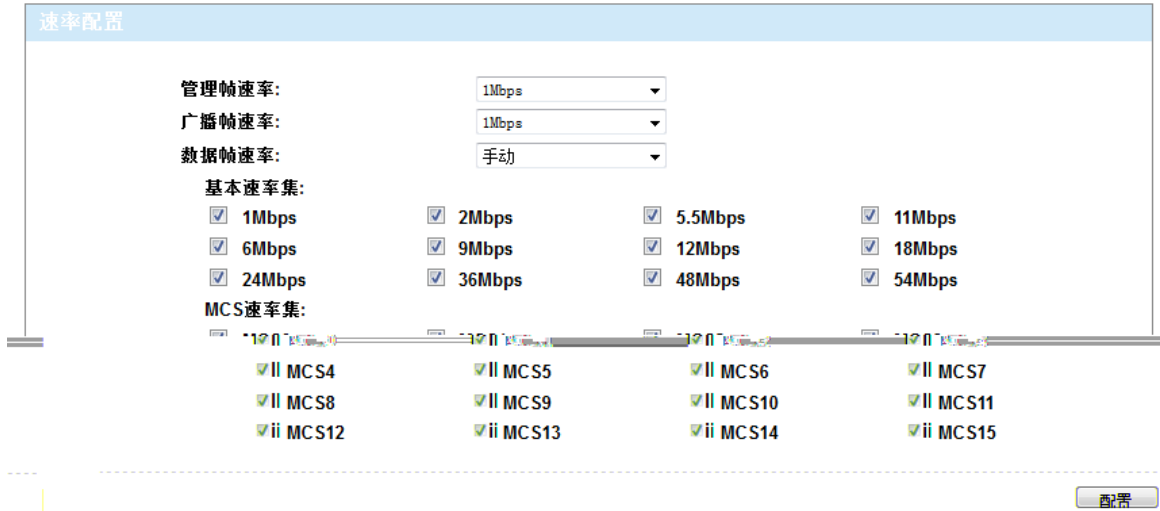


DHCP	NAT	ROUTE	AP
LAN IP	LAN		web IP
/		192.168.20.30~192.168.20.230	
		255.255.255.0	
	LAN	192.168.20.1	
DNS	LAN		AP 192.168.20.1
DNS			DNS 8.8.8.8
			3600
VLAN	VLAN		1 VLAN

1.3.6 Wi-Fi

Wi-Fi->Wi-Fi 2.4GHz





<1,2,5.5,11,6,9,12,18,24,36,48,54Mbps>

<1Mbps>

<1,2,5.5,11,6,9,12,18,24,36,48,54Mbps>

<1Mbps>

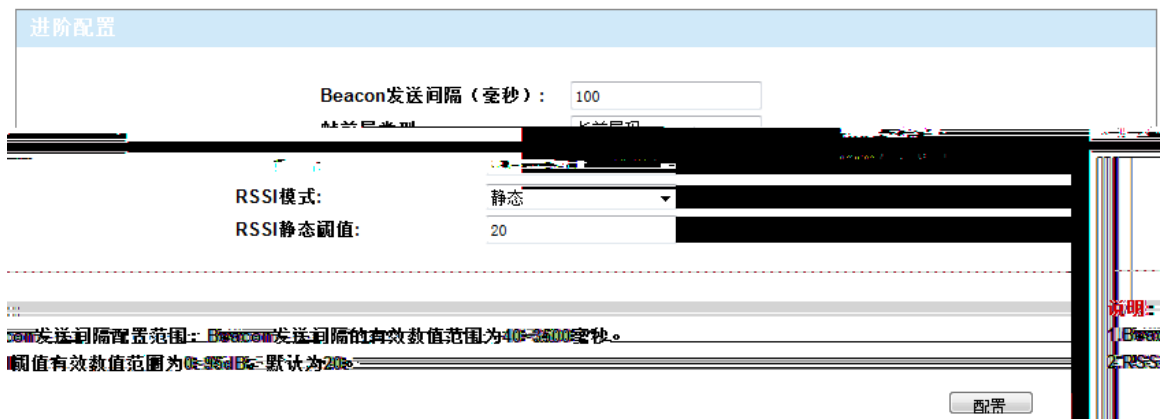
<1,2,5.5,11,6,9,12,18,24,36,48,54Mbps> Basic Rate dot11b

dot11g dot11b/g

MCS <MCS0 ..MCS15> HT rate bitmap 802.11n

1.3.6.3

Wi-Fi 2.4GHz ->



Beacon发送间隔配置范围: Beacon发送间隔的有效数值范围为40-3600毫秒。
 RSSI静态阈值有效数值范围为0-95dBm,默认为20。



SSID 1~31

1.3.7.2.2

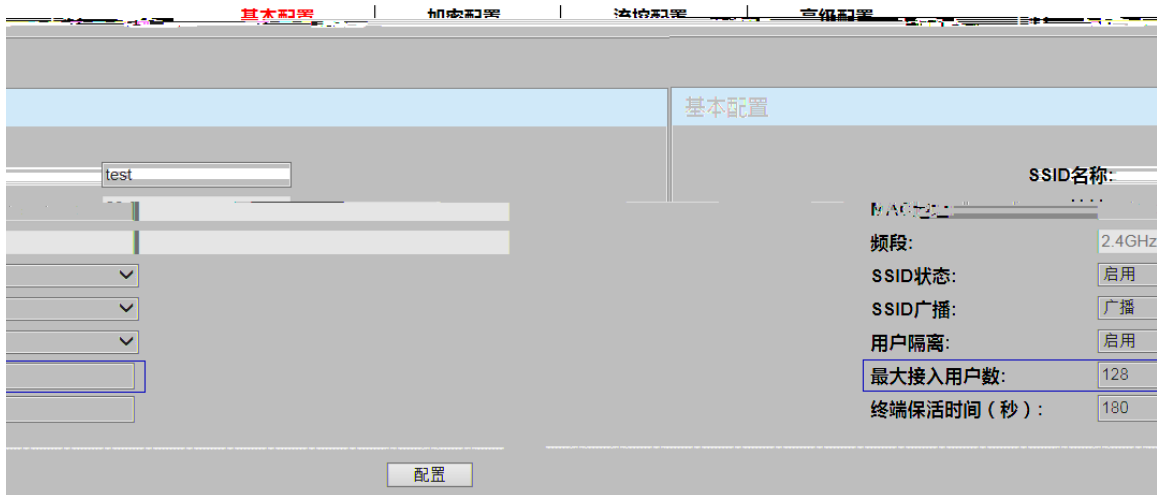


SSID

SSID

1.3.7.2.4

SSID-> ->



SSID

1.3.7.3 SSID

SSID-> ->

WPA-PAK

WPA2-PSK WPA-PSK/WPA2-PSK WPA WPA2 WPA/WPA2

SSID配置

SSID名称: Ruijie_Ap 频段: 2.4GHz 添加

信号	SSID名称	SSID状态	频段
0	Ruijie_Ap	enable	2.4GHz
enable	2.4GHz	1	test

基本配置 | 加密配置 | 流控配置 | 高级配置

加密配置

安全模式: 开放式

加密类型: 停用

配置

1.3.7.3.1 WPA-PSK/WPA2-PSK

基本配置 | 加密配置 | 流控配置 | 高级配置

加密类型: 自动

密钥: test-test

密钥重新周期: 3600

配置

WPA-PSK/WPA2-PSK

aes tkip

8~63

3600

1.3.7.3.2 802.1x

基本配置 | **加密配置** | 透传配置 | 高级配置

加密配置

加密类型: 自动

认证服务器IP地址:

认证服务器密码:

计费服务器IP地址:

计费服务器端口:

计费服务器密码:

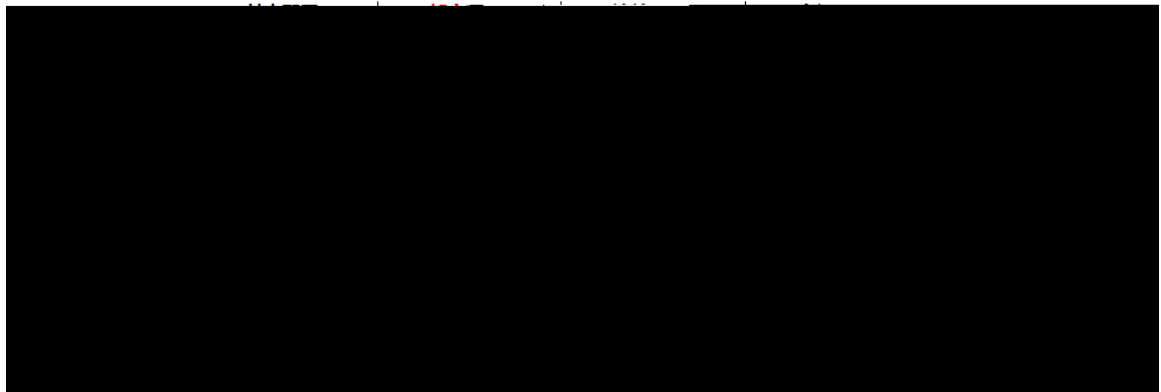
认证消息间隔 (秒):

Radius服务器老化时间 (秒):

配置

/ IP
1~10s
Radius 1~10s

1.3.7.3.3 Share-key



WEP

ASCII

64-bit 128-bit

1.3.7.4

SSID-> ->

管理配置 添加配置 清除配置 高级配置

SSID/用户级流量控制

速(Kbps):

速(Kbps):

速(Kbps):

能:

流控开关:

SSID上行限速(Kbps):

SSID下行限

用户上行限

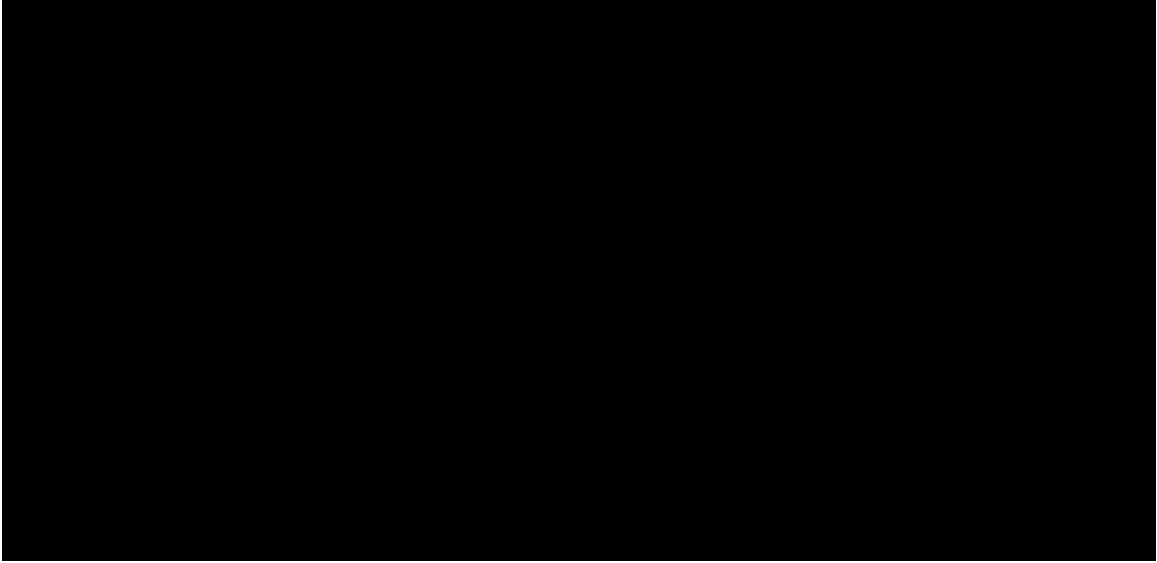
用户下行限

公平接入功

SSID	Kbps	SSID	
SSID	Kbps	SSID	
	Kbps		
	Kbps		
			(802.11a/b/g/n)
Time Fairness)		802.11b	802.11g
802.11n			AP
			(Air

1.3.7.5

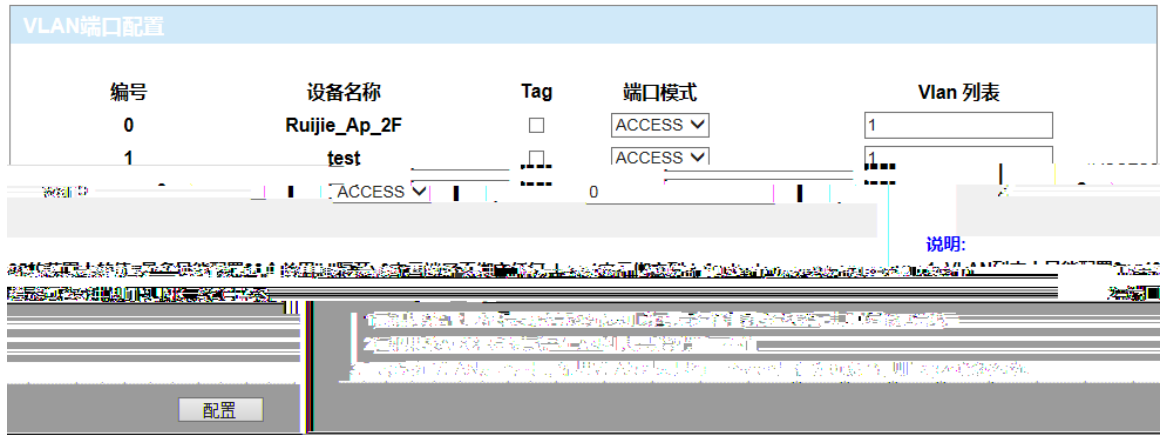
SSID-> ->



MAC

1.3.8 VLAN

VLAN-> VLAN



AP

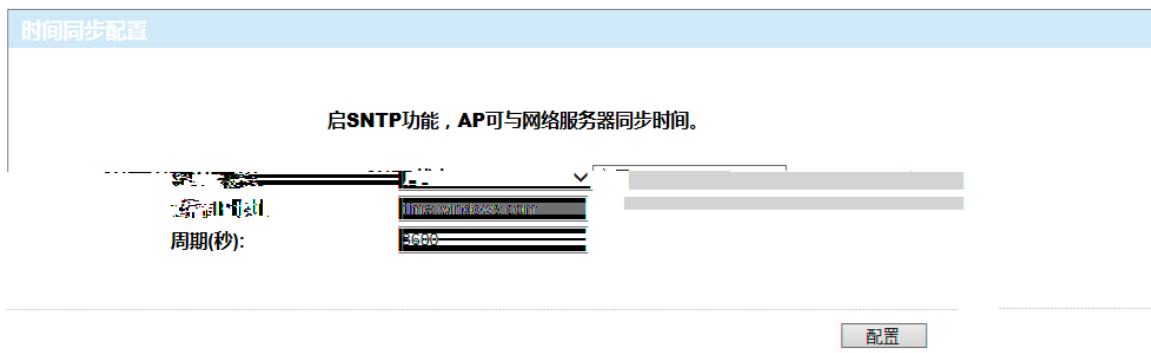
SSID

VLAN

SSID

Tag

343



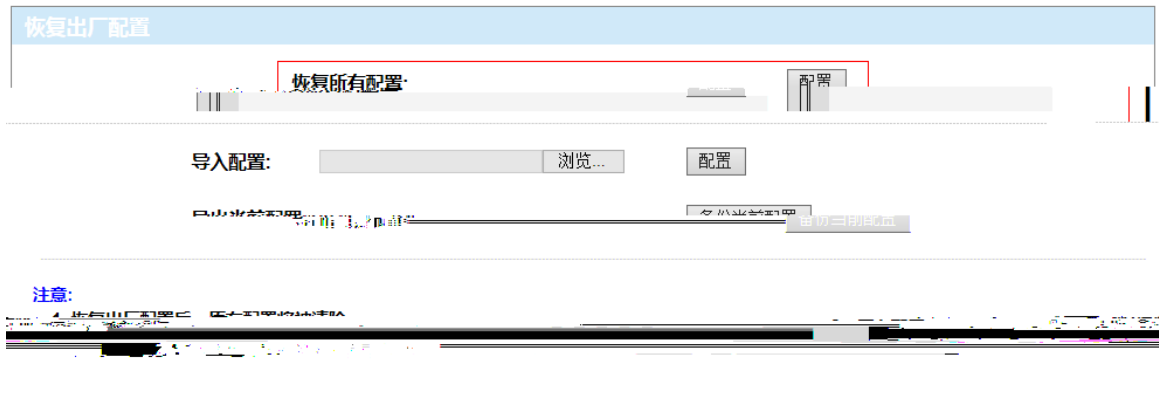
SNTP

/IP

IP

1.3.9.2

/

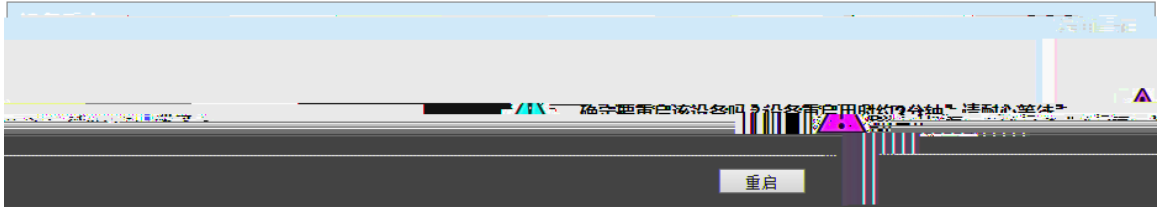


192.168.1.1 AP

pc AP

1.3.9.4

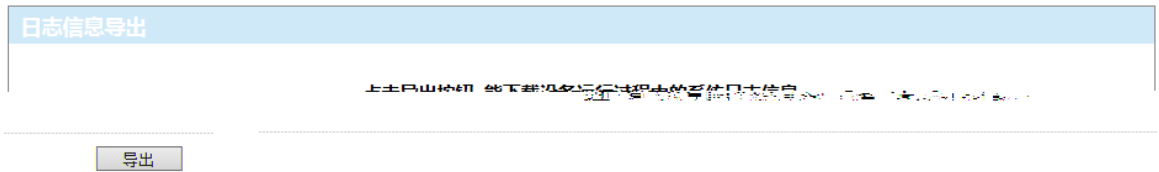
->



70s

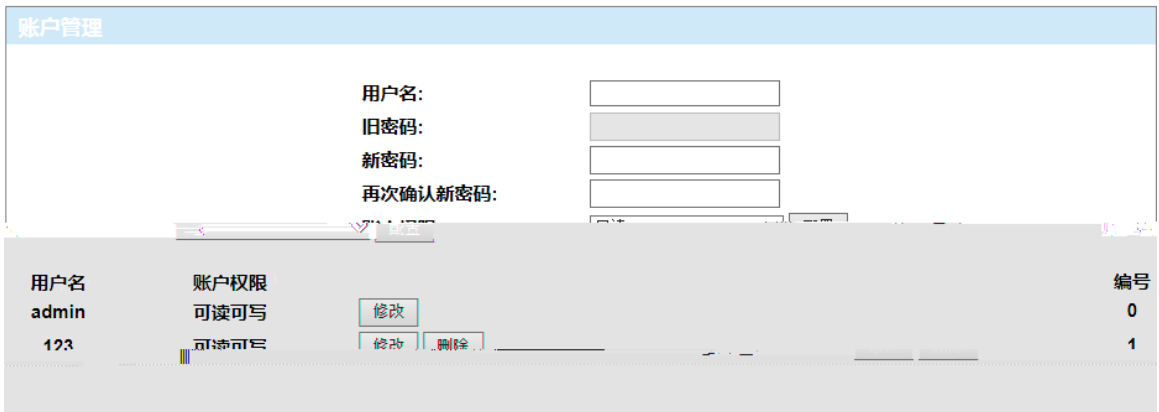
1.3.9.6

->



1.3.9.7

->



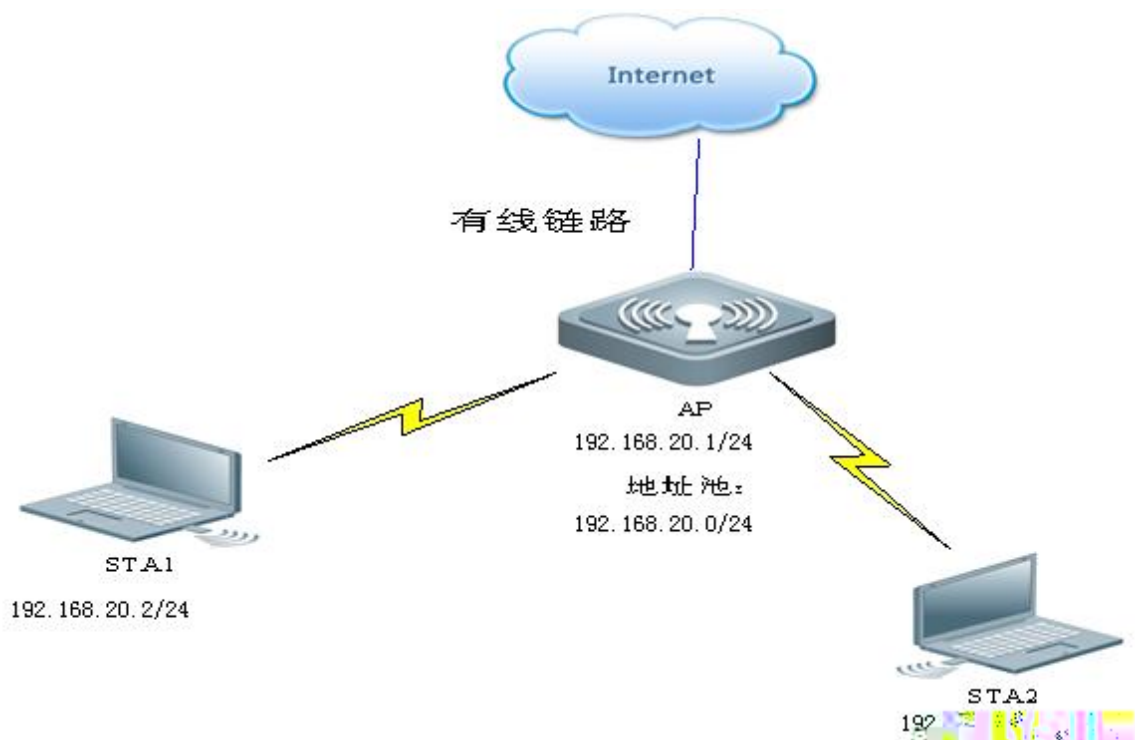
1.4 WEB

1

1.4.1

1. ap ap
2. dhcp ap

1.4.2



1

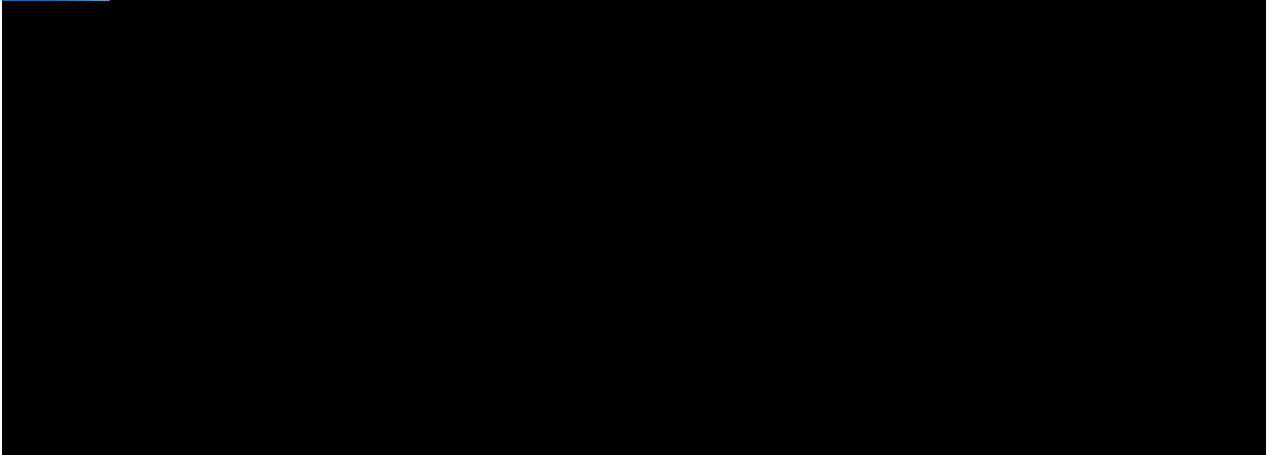
1.4.3

- 1.
2. WAN IP
3. LAN IP
4. SSID
5. SSID

1.4.4

1

NAT



2 WAN IP

WAN IP

IP

配置向导

WAN IP地址配置

WAN地址类型: 静态

WAN地址: 192.168.57.77

192.168.57.1

主用DNS服务器: 192.168.58.110

备用DNS服务器: 192.168.58.111

PPPoE帐号:

PPPoE密码:

上一步 下一步

3 LAN IP DHCP

LAN IP AP IP

配置向导

LAN IP地址配置
LAN IP地址: 192.168.20.1
LAN子网掩码: 255.255.255.0

DHCP 服务器配置

DHCP 服务器配置

开始地址:	192.168.20.230
结束地址:	192.168.20.230
子网掩码:	255.255.255.0
主用DNS服务器:	192.168.20.1
备用DNS服务器:	8.8.8.8
租约时间(秒):	1800

上一步 下一步

4 SSID ssid, Ruijie_Ap ssid

1.5.3

- 1
- 2 ip
- 3 SSID
- 4 SSID
- 5

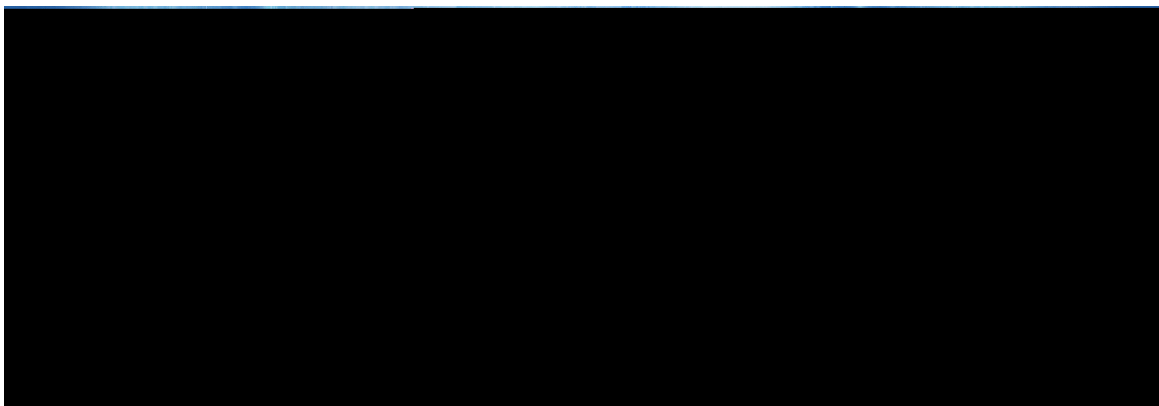
1.5.4

1

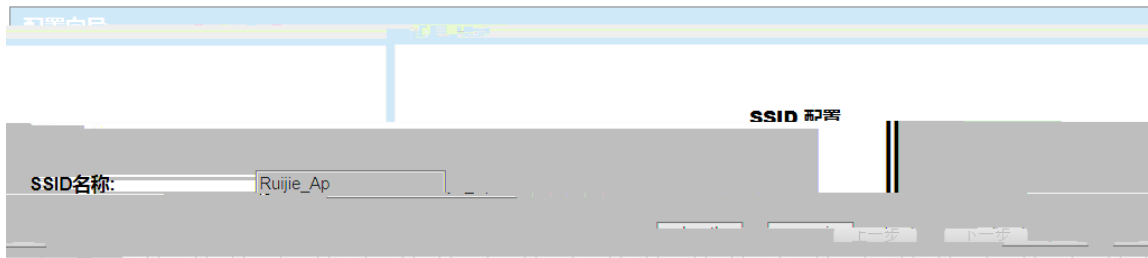
AP



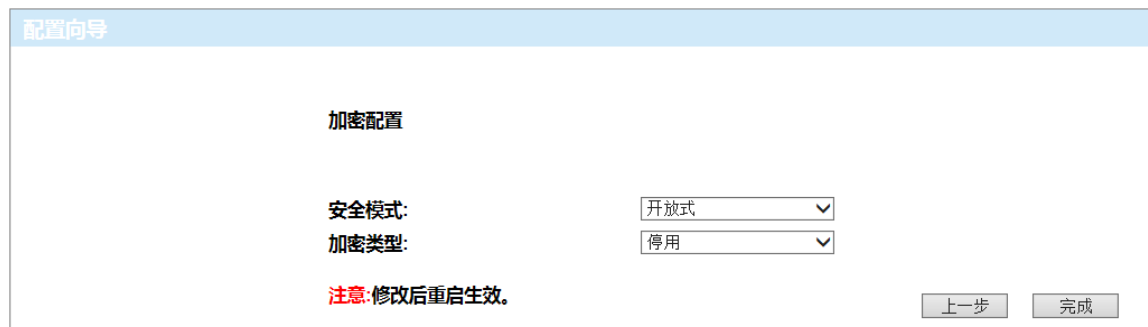
- 2 IP
- IP



- 3 SSID



4 SSID



WPA-PSK/WPA2-PSK

8~63

1. vlan

 config

Ruijie(config)#int vlan 1

Ruijie(config-if-VLAN 1)#ip add 192.168.110.2 255.255.255.0

2.

 config :

Ruijie(config)#service dhcp

Ruijie(config)#ip dhcp pool sta_dhcp

Ruijie(dhcp-config)#network 192.168.110.0 255.255.255.0

Ruijie(dhcp-config)#dns-server 192.168.58.110

Ruijie(dhcp-config)#default-router 192.168.110.2

3.

Ruijie(config)#ip route 0.0.0.0 0.0.0.0 1.1.1.1

1.5.5

Ruijie#show run

Building configuration...

Current configuration : 2374 bytes

```
!  
version RGOS 10.4(3b16) Release(82376)(Fri Sep 7 14:35:58 2012  
-R03912)  
!  
!  
!  
redundancy  
auto-sync time-period 3600  
auto-sync standard  
switchover timeout 4000  
!  
!  
!  
!  
!  
!  
!  
!  
!
```



```
!  
interface GigabitEthernet 0/34  
!  
interface GigabitEthernet 0/35  
!  
interface GigabitEthernet 0/36  
!  
interface GigabitEthernet 0/37  
!  
interface GigabitEthernet 0/38  
!  
interface GigabitEthernet 0/39  
!  
interface GigabitEthernet 0/40  
!  
interface GigabitEthernet 0/41  
!  
interface GigabitEthernet 0/42  
!  
interface GigabitEthernet 0/43  
!  
interface GigabitEthernet 0/44  
!  
interface GigabitEthernet 0/45  
!  
interface GigabitEthernet 0/46  
!  
interface GigabitEthernet 0/47  
!  
interface GigabitEthernet 0/48  
!  
interface VLAN 1
```


1. ssid Ruijie_Ap, ip 192.168.110.5
2. pc / Tj181.994>] T9T.71B41E1 0 0F3 10.562CB41 0 35811 0 0 4EF1 0 08F61 0 0 B91 0